

In re Patent Application of:
GREGG ET AL.
Serial No. 10/763,787
Confirmation No. 7948
Filed: JANUARY 23, 2004

In the Claims:

This listing of claims replaces all prior versions and listing of claims in the application.

Claims 1-60 (Canceled).

61. (Previously presented) A method for making wallboard or backerboard sheets comprising:

dispensing materials for making aerated concrete into a mold and allowing the materials to rise and stiffen into a body;

dividing the body into a plurality of uncured sheets having opposing first and second major surfaces to serve as the core material;

securing at least one face layer on at least one of the first and second major surfaces of the core material;

cutting the core material and at least one face layer secured thereto into a plurality of uncured wallboard or backerboard sheets; and

curing the uncured wallboard or backerboard sheets in an autoclave.

62. (Previously presented) A method according to Claim 61 wherein the at least one face layer comprises first and second face layers on respective first and second major surfaces of the core material.

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63. (Previously presented) A method according to Claim 61 wherein the at least one face layer comprises paper.

64. (Withdrawn) A method according to Claim 61 wherein the at least one face layer is moisture-resistant.

65. (Previously presented) A method according to Claim 61 further comprising forming the first major surface of the core material to have beveled portions adjacent respective opposing longitudinal side edges.

66. (Previously presented) A method according to Claim 61 wherein the at least one face layer extends around the opposing longitudinal side edges.

67. (Previously presented) A method according to Claim 61 further comprising adding reinforcing fibers to the aerated concrete.

68. (Currently amended) A method for making at least one of a wallboard or backerboard sheet comprising:
forming an ~~autoclaved~~ aerated concrete core having opposing first and second major surfaces and at least one face layer thereon, the aerated concrete core also having a generally rectangular shape defining a pair of opposing side edges and a pair of opposing end edges, and wherein the first major surface has beveled portions adjacent respective

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opposing side edges; and

curing the aerated concrete core in an autoclave.

69. (Currently amended) A method according to Claim 68 wherein the at least one face layer comprises first and second face layers on respective first and second major surfaces of the aerated concrete core.

70. (Previously presented) A method according to Claim 68 wherein the at least one face layer comprises paper.

71. (Previously presented) A method according to Claim 68 wherein the at least one face layer is moisture-resistant.

72. (Previously presented) A method according to Claim 68 wherein the at least one face layer extends around the opposing side edges.

73. (Currently amended) A method for making at least one of a wallboard or backerboard sheet comprising:
forming an ~~autoclaved~~ aerated concrete core having opposing first and second major surfaces and at least one face layer thereon, the aerated concrete core also having a generally rectangular shape defining a pair of opposing side edges and a pair of opposing end edges, and wherein the at least one face layer extends around the opposing side edges;

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and

curing the aerated concrete core in an autoclave.

74. (Currently amended) A method according to Claim 73 wherein the at least one face layer comprises first and second face layers on respective first and second major surfaces of the aerated concrete core.

75. (Withdrawn) A method according to Claim 73 wherein the at least one face layer comprises paper.

76. (Previously presented) A method according to Claim 73 wherein the at least one face layer is moisture-resistant.